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(54) **SYSTEMS AND METHODS FOR SENSING USING CONSUMER ELECTRONIC DEVICES**

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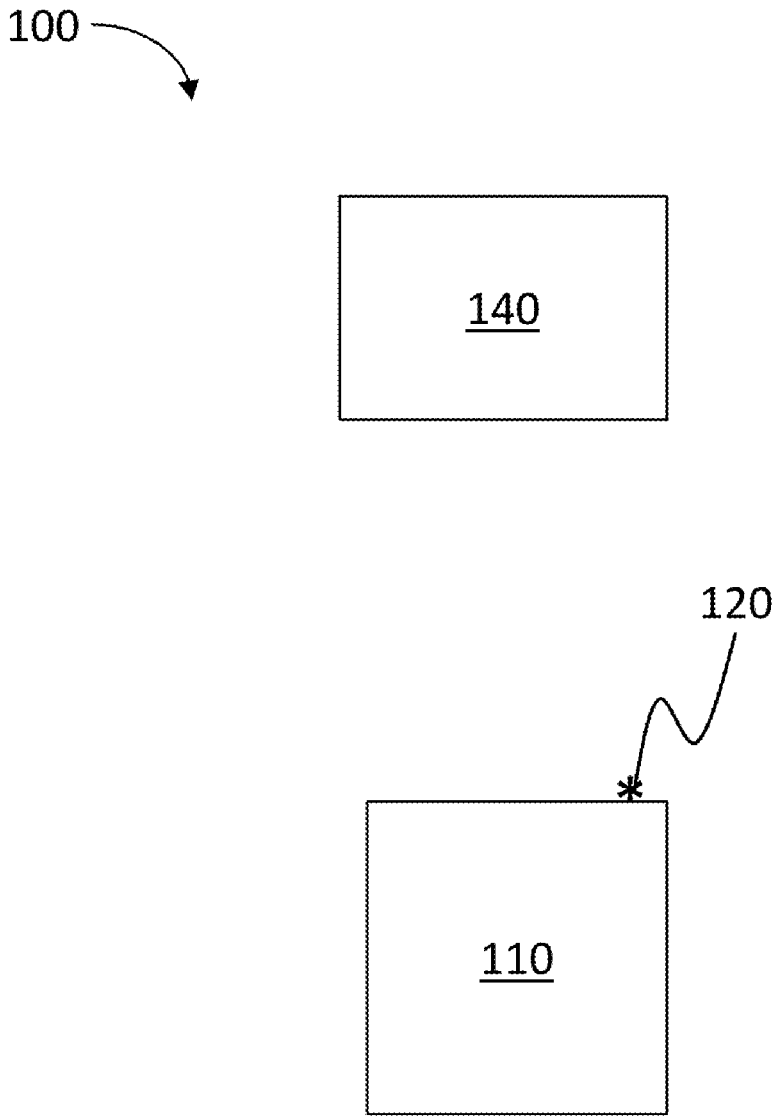
(57) **ABSTRACT**

Embodiments described herein generally relate to: sensing and/or authentication using luminescence imaging; diagnostic assays, systems, and related methods; temporal thermal sensing and related methods; and/or to emissive species, such as those excitable by white light, and related systems and methods.